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(54) Title: IMMUNOGENIC POLYPEPTIDES ENCODED BY MAGE MINIGENES AND USES THEREOF

(57) Abstract: The invention discloses immunogenic polypeptides comprising several MAGE-specific antigen epitopes selected from different (i.e. discrete) members of the MAGE protein family, nucleic acids coding therefor, recombinant viruses and/or cells comprising said nucleic acids, and compositions thereof. Methods for eliciting or inducing MAGE-specific immune responses utilizing the aforementioned immunogenic agents are also disclosed.

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## INTERNATIONAL SEARCH REPORT

International Application No  
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A. CLASSIFICATION OF SUBJECT MATTER  
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## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

BIOSIS, EPO-Internal, WPI Data, SEQUENCE SEARCH, PAJ, CHEM ABS Data, MEDLINE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00 20445 A (DUFFOUR MARIE THERESE ; STROOBANT VINCENT (BE); SCHULTZ ERWIN (BE);) 13 April 2000 (2000-04-13) page 42 -page 43; example 3 page 67 -page 74; examples 11-13 page 21; table 1 —	1-40
A	VAN DEN EYNDE B J ET AL: "Tumor antigens recognized by T lymphocytes." INTERNATIONAL JOURNAL OF CLINICAL & LABORATORY RESEARCH, vol. 27, no. 2, 1997, pages 81-86, XP001053689 ISSN: 0940-5437 cited in the application the whole document —	1-40 —/—

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 97 34009 A (WARNIER GUY ;BOON FALLEUR (BE); LURQUIN CHRISTOPHE (BE); UYTTEHENHOV) 18 September 1997 (1997-09-18) claims; examples 2,3	1-40
A	P. CHAUX ET AL: "Identification of five MAGE-A1 epitopes recognized by cytolytic T Lymphocytes obtained by in vitro stimulation with dendritic cells transduced with MAGE-A1" JOURNAL OF IMMUNOLOGY., vol. 163, no. 5, 1 September 1999 (1999-09-01), pages 2928-2936, XP002197553 BALTIMORE US the whole document	1-40
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>J.F. TOSO ET AL: "MAGE-1-specific precursor cytotoxic T-Lymphocytes present among Tumor-nfiltrating lymphocytes from a patient with breast cancer: Characterization and Antigen-Specific Activation"            CANCER RESEARCH., vol. 56, 1 January 1996 (1996-01-01), pages 16-20, XP002197554            AMERICAN ASSOCIATION FOR CANCER RESEARCH, BALTIMORE, MD., US            ISSN: 0008-5472            the whole document</p> <p>-----</p>	1-40
A	<p>WO 95 19783 A (CELIS ESTEBAN ;GREY HOWARD M (US); CYTEL CORP (US); KUBO RALPH T ())            27 July 1995 (1995-07-27)            claims; examples</p> <p>-----</p>	1-10, 35, 37, 38

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

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